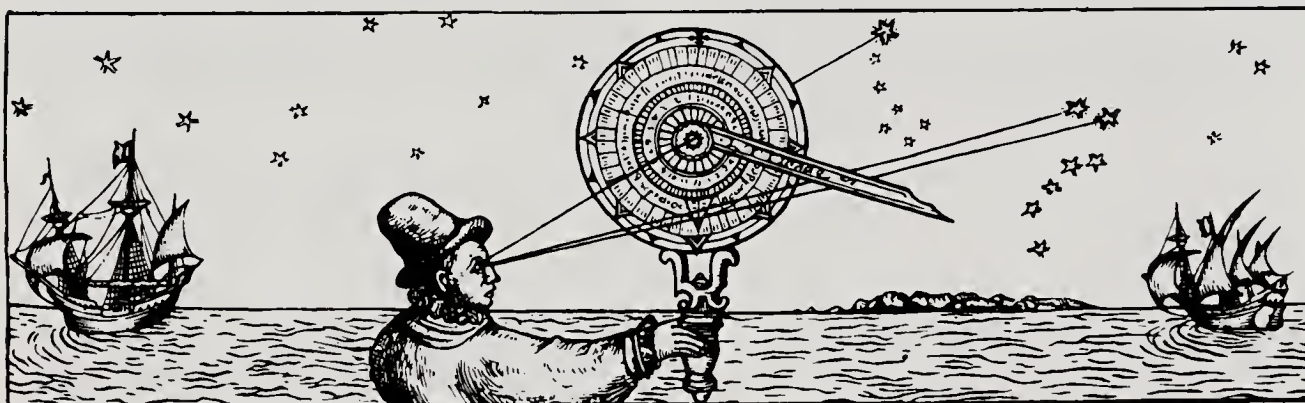


Mapline

*A quarterly newsletter published by
The Hermon Dunlap Smith Center for the History of Cartography
at The Newberry Library*

Number 16 December 1979

Maria Holden, *Editor*



Tools of the Trade

Most of the literature on the history of cartography is biographical or bibliographical in nature. While there exists much literature on mapmakers and the results of their effort, documentation of the techniques and tools of the craft is scant. How the information represented on the printed map was gathered and recorded on the printing plate has not received adequate attention. The resulting gap in our knowledge of the history of cartography is partly due to the difficulty in finding source materials on these phases of map production. Mapmaking techniques were often transmitted orally from cartographer to successor, hence the dearth of documentation.

One of the richest sources of material on the information gathering phase of map production is the antique instrument collection at the Adler Planetarium in Chicago. The backbone of the collection was brought together at the turn of the century by Raoul Heilbrunner, an antique dealer in Paris. After World War I, A.W.M. Mensing, a Dutch auctioneer and collector acquired the instruments. In 1930 Max Adler bought the collection of some 500 instruments and gave it to the city of Chicago along with the Adler Planetarium. Gifts and acquisitions since then have more than doubled the collection. Now, with the

prohibitively high cost of antique scientific instruments, the Planetarium has restricted its acquisitions to books on astronomy and instruments that were issued around the time that the instruments themselves were produced. The book collection, which has grown to approximately 250 items, includes treatises on astronomy and applied geometry, as well as literature on the construction and use of the instruments.

The collection is especially rich in astronomic instruments made between 1131 and 1850, such as telescopes, armillary spheres, sundials, astrolabes, and the like. More down-to-earth instruments like quadrants, cross-staffs, backstaffs, radio latinos, circumferometers, graphometers, theodolites, and compasses are deposited there as well. Other items of cartographic interest include some 50 celestial atlases and several celestial globes, including a large one by William Blaeu which is said to have come from the house of Rubens, and another by John Cary which is paired with a terrestrial globe.

Anyone interested in the technical foundations of early maps or in the mapping of the heavens would do well to visit the Adler Planetarium: the home of an outstanding collection of antique scientific instru-

(Continued on next page)

The Hermon Dunlap Smith Center for the History of Cartography

Director: **David Woodward**

The Center was founded in 1972 at The Newberry Library to promote the study of the history of cartography through research projects, fellowships, courses of instruction, and publications. Further information is available on request.

Mapline is published four times a year in March, June, September, and December. Annual subscription: \$4.00. Back issues (as available) \$1.00 each. Please address all correspondence to the editor at The Newberry Library, 60 West Walton Street, Chicago IL 60610.

ments supplemented by a growing collection of contemporaneous books which document the construction and use of those instruments. Mr. and Mrs. Roderick S. Webster, Curators of the Antique Instrument Collection, would be glad to receive inquiries about the collection and to provide identifications of instruments and their makers. (Adler Planetarium, 1300 S. Lake Shore Drive, Chicago, IL, 60605). -Scott Peters

* * *

Scott Peters, a student at the Graduate Library School of the University of Chicago, is especially interested in map librarianship.

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Exhibitions at the James Ford Bell Library, Minneapolis: *The Way of a Ship*. The impact of the printed book on the science of navigation. Until December 3. *French and English Exploration of North America*. In celebration of the tricentennial of Father Louis Hennepin's Mississippi Valley expedition. February & March, 1980. (Mr. John Parker, James Ford Bell Library, Wilson Library, University of Minnesota, Minneapolis, MN)

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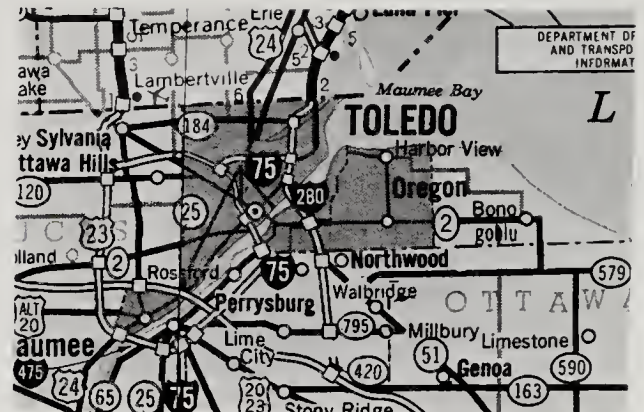
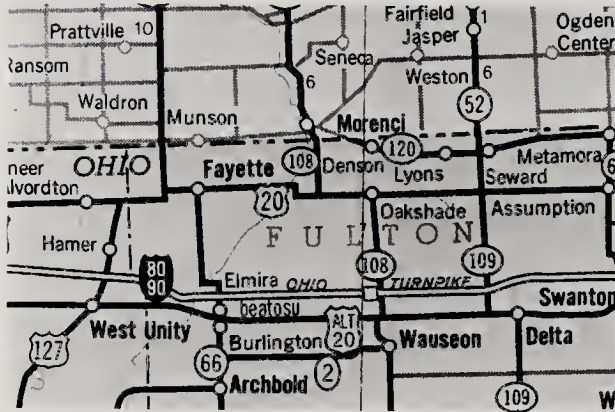
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To the current occupants of beatosu & goblu



We are puzzled by the recent appearance of your towns on the official Michigan state highway maps for 1979. Please supply your zip codes as you are unknown to the Post Office. We know that maps aren't perfect, but such sudden appearances of settlements make us uneasy. [Details of photo courtesy of George Kish]

Periodicals

American Urban Guidenotes is a new quarterly newsletter designed to provide news and information to the growing "guidebook community"—guidebook writers, publishers, sellers, users, collectors, historians, &c. The first issue of *American Urban Guidenotes*, published in September, 1979 includes articles on walking guides, guidebooks for runners, restaurant guides, natural environment guides, architectural guides, a guidebook conference, and guidebook history and collecting. The newsletter will focus on urban guidebooks for the U.S. and Canada, but foreign guidebooks and guidebooks dealing with the environment will be covered as well. *American Urban Guidenotes* is published by American Urban Guides, an organization which develops specialized guide materials. The annual subscription rate is \$9.00; single issues are \$2.50. For details write: John Fondersmith, Editor, American Urban Guidenotes, Box 186, Washington, D.C. 20004.

Chronicle / Chronique, the newsletter of the Canadian National Commission for Cartography, is now being published at the Department of Geography, Carleton University. Information, cartographic news items, and subscription requests should be sent to the editor: Neil G. Grant, Department of Geography, Carleton University, Ottawa, Ontario, Canada, K1S 5B6.

The Center for Great Plains Studies of the University of Nebraska--Lincoln has established an interdisciplinary journal entitled *Great Plains Quarterly*. It will publish research and criticism in the history, geography, literature, fine arts, folklore, anthropology, politics, economics, and sociology of the Great Plains region. The first issue is planned for January 1981. Manuscripts and inquiries should be sent to Frederick C. Luebke, Editor, *Great Plains Quarterly*, Center for Great Plains Studies, 1223 Oldfather Hall, University of Nebraska--Lincoln, Lincoln, NB 68588.

New chart



The National Ocean Survey has issued a new nautical chart of Woods Hole, Massachusetts. Originally published some years ago, its issuance was temporarily suspended. The NOS has reissued the chart in response to the many requests from the U.S. Coast Guard, the Woods Hole Oceanographic Institute, and recreational boaters. Published at a scale of 1:5,000, it represents new techniques in chart automation by which all navigational charts of the NOS will eventually be produced.

The NOS and its predecessor organizations, the U.S. Coast and Geodetic Survey and the U.S. Coast Survey, began to produce charts of this small New England seaport in 1855. With the establishment of the Oceanographic Institute in 1930, Woods Hole became the object of international interest. The latest nautical chart provides very detailed topographic information, characteristic of the type of navigational publishing done by the NOS of this portion of the East coast over the past century. The new chart of Woods Hole (#13235) is available for \$3.65 from the NOS Distribution Division, C44, Riverdale, MD 20840.



ments supplemented by a growing collection of contemporaneous books which document the construction and use of those instruments. Mr. and Mrs. Roderick S. Webster, Curators of the Antique Instrument Collection, would be glad to receive inquiries about the collection and to provide identifications of instruments and their makers. (Adler Planetarium, 1300 S. Lake Shore Drive, Chicago, IL, 60605). -Scott Peters

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Walter Ristow honored

On September 18, 1979 at the Eighth International Conference on the History of Cartography in Berlin, a Festschrift was presented to Dr. Walter W. Ristow in honor and recognition of his long and successful career as a scholar librarian. The chapters are as follows:

Walter W. Ristow by Helen Wallis
List of publications by Walter W. Ristow
A brief history of the Library of Congress Geography and Map Division 1897-1978 by John Wolter, Andrew M. Modelski, Richard W. Stephenson, David K. Carrington
Map librarianship comes of age by Helen Wallis
Training for map librarianship - Working Group in the IFLA Section Geography and Map Libraries by Lothar Zögner
The American Geographical Society's collection by Roman Drazniowsky
The Hermon Dunlap Smith Center for the history of cartography - a review of its early development by David Woodward
Map collections and map librarianship in Canada - review and prospects by Joan Winearls
Geography and map libraries in Denmark by Ib R. Kejlbo
Les collections du Département des cartes et plans de la Bibliothèque nationale by Edmond Pognon
Collection of cartographic works in the Lenin State Library of the USSR by Anna V. Kozlowa
Dear Mr. Nordenskiöld, your offer is accepted by Ann-Mari Mickwitz
Viglius ab Aytta Zuichemus-savant, bibliothecaire et collectionneur des cartes de XVI^e siècle by Antoine de Smet
The Dutch Union Map Catalogue - from research project to operational project by E. Hans van de Waal
Die thematische Karte: ihre Katalogisierung und Dokumentation by Emil Meynen

Obituaries

COOLIE VERNER, 1917-1979

Dr. Coolie Verner died at his home on Mayne Island, British Columbia, on October 12, 1979 at the age of 62. Although he was for many years a professor of Adult Education (in which field he also had an international reputation) our readers knew him as perhaps the most prolific and influential cartobibliographer who ever lived. He published dozens of articles and several books on the subject, and several more were in progress at the time of his death. His latest book, *The North Part of America* which is being published in Canada by Longmans, had not yet been completed, but friends were able to assemble proof sheets and present the volume to him shortly before he died. He had planned to present a course in cartobibliography at the University of Toronto in the spring of 1980, and had been preparing an exhibition of maps illustrating the exploration of Northwestern Canada to

be presented at the Glenbow-Alberta Institute in the summer of 1980. The exhibition will still be mounted based on Dr. Verner's outline. His outstanding collection of 171 maps of the Arctic was acquired by the National Map Collection of the Public Archives of Canada in 1975 and was featured in *Cartographica*. He also formed an extensive collection relating to the Northwest Coast of North America.

Dr. Verner's interest in cartobibliography grew out of his early training at the University of Virginia, where he was influenced by Fredson Bowers. While he was quite single-minded about his subject and not overly sympathetic to the interests of those hoeing other cartographic rows, he thought more about cartobibliography, and more clearly, than just about anyone else. His published works, especially "Carto-Bibliographical Description" (*American Cartographer*, vol. 1, no. 1) will be an enduring monument.



ANN-MARI MICKWITZ, 1903-1978

Ann-Mari Mickwitz, who died on December 6, 1978 was known throughout the world as curator of the Nordenskiöld Collection at the Helsinki University Library, a position which she held from 1947 to 1973. This magnificent collection of geographical books, maps, and charts of the fifteenth and sixteenth centuries was brought together by the Finnish explorer and scientist Adolf Erik Nordenskiöld.

In 1968 Ann-Mari Mickwitz undertook the major task of cataloguing the collection. She continued the work after her retirement in 1973, in collaboration with Leena Miekkavaara, her successor as librarian in charge of the Collection. The resulting five-volume catalogue, the first volume of which was published in August, will stand as a fine memorial of Ann-Mari Mickwitz's care of a collection that ranks as one of the best in the world for early printed geographical works.

A familiar figure at conferences on the history of cartography, Ann-Mari Mickwitz won international recognition in 1976 when she received the Vega plaqueette from the King of Sweden. In the same year she was honored by the Finnish government. On November 16, 1978 she was elected an honorary member of the Nordenskiöld Society of Finland. Map librarians, geographers, and historians of cartography will remember her with much respect and affection.

Recent Publications

The A.E. Nordenskiöld Collection in the Helsinki University Library: annotated catalogue of maps made up to 1800 / Ann-Mari Mickwitz and Leena Miekkavaara, comps. -- Helsinki : Helsinki University Library, 1979. (\$84.00, Almquist & Wiksell International, Stockholm, Sweden; Humanities Press, Atlantic Highlands, NJ)
The Association of American Geographers: the first seventy-five years, 1904-1979 / Preston E. James and Geoffrey J. Martin. -- Washington, D.C. : Association of American Geographers, 1979 (\$10.00 members, \$12.00 others, Central Office, AAG, 1710 Sixteenth Street, N.W., Washington, D.C., 20009)

The book of the dragon / Judy Allen and Jeanne Griffiths. -- New York : Chartwell Books, [1979] (Chartwell House, Inc., P.O. Box 166, Bowling Green Station, New York, NY 10004) *Contains a chapter on dragons on maps.*

Cities of the American West: a history of frontier urban planning / John W. Reps. -- Princeton, NJ : Princeton University Press (\$65.00 'til December 31, 1979; \$75.00 thereafter, Princeton University Press, Box R, Princeton, NJ 08540)

Directory of contemporary cartographic research / American Congress on Surveying and Mapping. -- Falls Church, VA : ACSM, 1979 (\$5.00, ACSM, 210 Little Falls Street, Falls Church, VA 22046)

Drei Jahrhunderte Bernische Kartenkunst [und] *Fünf Jahrhunderte Schweizerische Kartographie* : Herausgegeben anlässlich der Kartographischen Dreiländertagung 1978 durch die Schweizerische Gesellschaft für Kartographie und das Alpine Museum Bern / Gestaltung der Ausstellung und Katalog : Prof. Dr. Georges Grosjean, Bern. -- [Bern] : Schweizerische Gesellschaft für Kartographie und das Alpine Museum Bern, 1978. *Exhibition catalogue.*

"Geography, cartography, and geodesy" [and] "Travel, exploration, and navigation" in "One Hundred Fourth Critical Bibliography of the History of Science and its Cultural Influences (to January 1979)." *Isis*, vol. 70, no. 255 (1979) p. 40.

Historic maps of Kentucky / Thomas D. Clark. -- Lexington : University Press of Kentucky, 1979 (\$25.00, University Press of Kentucky, Lexington, KY 40506) *Ten facsimile maps accompanied by Clark's text.*

"Historical cartography and its value to the map librarian" / M.J. Bowen. In *The Globe: Journal of the Australian Map Curators Circle*, no. 11 (1979).

"Die Kartenabteilung der Staatsbibliothek Bestände und Aufgaben" / Lothar Zögner. In *Jahrbuch Preussischer Kulturbesitz*, vol. 14 (1979) pp. 121-132.

The Map Collector, no. 9 (December 1979) Contents : Editorial/The maps in de Bry / John Garrett -- Maps that made cabmen honest / Ralph Hyde -- Aaron Arrow-smith / R.V. Tooley -- The indigenous maps and mapping of North American Indians / Malcolm Lewis

The map librarian in the modern world / Helen Wallis and Lothar Zögner, eds. -- Munich, New York : K.G. Saur, 1979 (\$26.00, K.G. Saur, KG, D-8000, München 71 (Prinz Ludwigshöhe), Pössenbacher Str 2b, Postf. 711009)

Map Librarianship / Mary Larsgaard. -- Littleton, Colorado : Libraries Unlimited, 1978 (\$18.50, Libraries Unlimited, Inc., P.O. Box 263, Littleton, CO 80160)

The mapping of Australia / R.V. Tooley. -- London : Holland Press, 1979 (£30; Collector's Limited Edition, £75, Holland Press Ltd, 37 Connaught St., London, W2 2AZ)

Maps for America : cartographic products of the U.S. Geological Survey and others / Morris M. Thompson.-- Washington, D.C. : U.S. Geological Survey, 1979 (Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402; Stock Number 024-001-03145-1)

"Mapy świata (Mappae Mundi) w Xacińskich rekopisach średniowiecznych Biblioteki Jagiellońskiej w Kraowie" / Edward Schnayder. In *Biuletyn Biblioteki Jagiellońskiej* 29 (1976) pp. 19-42. *Article followed by an abstract in French.*

"Milestones in Michigan mapping: early settlement" / LeRoy Barnett. In *Michigan History*, vol. 63, no. 5 (September/October 1979) pp. 34-43. *First article*

in a two part series. Continuation in November/December issue.

Minerals, lands, and geology for the common defence and general welfare, volume 1, before 1879 : a history of public lands, federal science and mapping policy, and development of mineral resources in the United States / Mary C. Rabbit. -- Washington, D.C. : U.S. Geological Survey, 1979 (Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402; Stock Number 024-001-03151-5)

Die Pläne von Berlin von den Anfängen bis 1950 / Paul Clauswitz [und] Lothar Zögner. -- Berlin : Verlag Richard Seitz & Co., 1979 (DM78.50, Richard Seitz & Co., Gneisenaustrasse 60, 1000 Berlin 61)

Die Plankammer der Regierung Bromberg: Spezialinventar 1777-1912 / bearb. von Winfried Bliss. -- Köln, Wien : Böhlau, 1978 (Veröffentlichung aus den Archiven Preussischer Kulturbesitz; Bd. 15)

Die Plankammer der Regierung Frankfurt an der Oder : Spezialinventar 1670-1870 / bearb. von Winfried Bliss. -- Köln, Wien : Böhlau, 1978 (Veröffentlichung aus den Archiven Preussischer Kulturbesitz; Bd. 15)

Portsmouth Record Series: Maps of Portsmouth before 1801 / D. Hodson, comp. -- Portsmouth: City of Portsmouth, 1978. (£12.00, City of Portsmouth, Guildhall, Portsmouth PO1 2AL, England)

"The principal scientific instruments taken on Captain Cook's voyages of exploration, 1768-80" / Derek Howse. In *The Mariner's Mirror*, vol. 65, no. 2 (May 1979) pp. 119-135.

The printing press as an agent of change / Elizabeth L. Eisenstein. -- Cambridge : Cambridge University Press, 1979 (£35, Cambridge University Press, The Pitt Building, Trumpington Street, Cambridge CB2 1RP England; 32 East 57th Street, New York, NY 10022) *Eisenstein briefly discusses the effect of the printing press on cartography.*

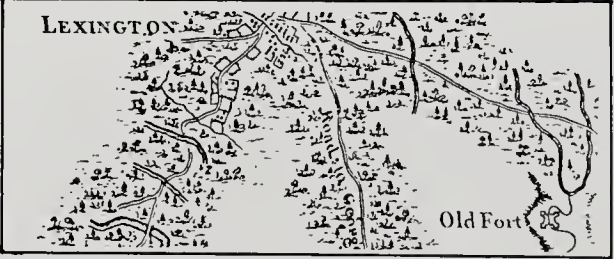
"A review of woodcut printing and Italian copper plate engravings of the 16th century" / Dr. I. Norwich. In *Bibliophilia Africana*, vol. 3 (1978) pp. 33-43.

"Supplement to Leif: a checklist of watermark history, production, and reproduction research" / Kate Frost. In *The Direction Line: a newsletter for bibliographers and textual critics*, no. 8 (Spring 1979) pp. 33-56.

Tooley's dictionary of mapmakers / R.V. Tooley, comp. -- New York : Alan R. Liss ; Amsterdam : Meridian, 1979 (\$12.00, Alan R. Liss, Inc., 150 Fifth Avenue, New York, NY 10011; Meridian Publishing Company, P.O. Box 4061, Amsterdam, The Netherlands)

Vadians Weltkarte von 1534 / Arthur Dürst. -- Zurich, [1979] *Exhibition catalogue containing folded facsimile map.*

The voyage of Sir Francis Drake mapped in silver and gold / Helen Wallis. -- Berkeley : Friends of the Bancroft Library, 1979. -- (Friends of the Bancroft Library Keepsake, no. 27). (Bancroft Library, University of California, Berkeley, CA 94720)



From Clark, *Historic maps of Kentucky*

Conferences

Eighth International Conference on the History of Cartography, Berlin, West Germany, 17-20 September 1979

Approximately 130 scholars from 15 countries working in the history of cartography and allied fields attended this expertly organized conference under the auspices of the German Society for Cartography and Imago Mundi Ltd. The credit for the smooth running of the conference must go to Prof. Wolfgang Scharfe and his committee. That only three of the 42 submitted papers came clearly outside the normally accepted definition of the history of cartography must be a record. Of the 39 written papers distributed, only 26 were presented orally. The remaining papers were designated "official contributions" and their non-selection posed a difficult task for the program committee. A full critique of the papers will appear in the next volume of *Imago Mundi*. Comparing the content of the Berlin conference and its predecessor in Washington, it is clear that the study of nineteenth-century cartography is now (and none too soon) accepted as a respectable part of the field. However, the presentation and approach of the papers have not improved substantially. There was some talk at the meeting that the format of a 20-minute paper followed by excessively formal and often oblique comments and questions from the floor has probably outlived its usefulness. The time may have come for small seminar groups of specialists following plenary sessions so that the flow of honest opinion may be stimulated.

D.W.

International Seminar on Historical Cartography and Maintenance of Cartographic Archives, 12-15 September 1979, Helsinki-Espoo.

Approximately 100 cartographers, archivists, map librarians, and map collectors attended three days of invited papers on three main subjects: 1. The study of the history of cartography in Finland focussing particularly on the work of Adolf Erik Nordenskiöld; 2. The discovery of the Northeast Passage, and 3. Map care and conservation. The participants from Scandinavia, who constituted 85% of the audience, were interested primarily in map care, which in fact made up a very small part of the program. Those of us from overseas were fascinated to learn more about Nordenskiöld and his time. Excellent papers were presented on this topic by Stig Jaatinen, Professor of Geography, Helsinki University, Wilhelm Odelberg, Librarian of Stockholm University, Esko Häkli, Librarian of Helsinki University, and Gunnar Pipping of Stockholm. Their theme was brilliantly illustrated in an exhibition at Helsinki City Hall arranged by the Helsinki University Library (Illustrated catalogue, *A.E. Nordenskiöld*, available from Marja Engman, Helsinki University Library ISBN 951-45-1725-3, approx. \$5.00). There was also a field trip to the Nordenskiöld family home, some 40 miles from Helsinki, in the process of restoration as an historic site. And some unforgettable cocktail receptions with piles of canapes were served immediately after lunch each day in keeping with the legendary Finnish hospitality. The new catalogue of the Nordenskiöld Collection was announced at the meeting. This will certainly take its place

among the well-thumbed catalogues in map rooms all over the world. (Ann-Mari Mickwitz and Leena Miekavaara, *The A.E. Nordenskiöld Collection in the Helsinki University Library. Annotated catalogue of maps made up to 1800*. Distributed in U.S. by Humanities Press, Atlantic Highlands, N.J. ISBN 951-45-1703-2).

The Harvard University Laboratory for Computer Graphics will sponsor ten national state-of-the-art briefings on computer graphics and geographic information systems. The one- and two-day briefings that began in September are designed specifically to meet the information needs of users and will be held in Cambridge, New York, Washington, D.C., Atlanta, Dallas, Chicago, San Francisco, and Los Angeles. For further information contact Barbara Tarlin, Center for Management Research, 850 Boylston Street, Chestnut Hill, MA 02167.

A special session on "Atlas Creation" will be held at the national meetings of the Association of American Geographers to be held in Louisville from April 13 to 16, 1980. The exact date, time and location of the session will be listed in the program. Five papers will be read and discussed.

William G. Loy, University of Oregon, Eugene.
"Why an Atlas? Reason, Purpose, Function and Contents."

Barbara Bartz Petchenik, R.R. Donnelley & Sons, Company. "Project Organization and Compilation."

Joseph W. Wiedel, University of Maryland, College Park. "Designing a State Atlas, Some Critical Considerations."

Michael W. Donley, Northwest Cartographics, Eugene. "Cost Factors in Atlas Production."

Susan Moorlag, U.S. Geological Survey, Reston.
"State Atlas Projects and the U.S. Geological Survey."

The organizer and chair of the special session is Dr. William Loy, Department of Geography, University of Oregon, Eugene, OR 97403. Further information is available on request.

Cartophiles

The present interest in map societies for the collector is not new. Readers may already be familiar with the Cartophile Society of New England, described by Erwin Raisz in *Imago Mundi* 8 (1951): 44-45 which was started shortly after World War II, and itself was based on a society known as the Cartophiles two generations earlier. We now find a more recent precursor which may be less familiar to those not speaking fluent Finnish. It is the *Cartarum Amici*, based in Helsinki and founded in 1964. It meets once or twice a year and has arranged exhibitions of members' maps. Further information is available from Aarno Piltz, Korostentie 6-16, SF 00280 Helsinki 28 Finland.